

OPIE

RAW SEQUENCE LISTING

DATE: 07/16/2001

PATENT APPLICATION: US/09/747,538

TIME: 15:44:55

Input Set : A:\6652US01.txt

Output Set: N:\CRF3\07162001\I747538.raw

ENTERED

4 <110> APPLICANT: Abbott Laboratories
5 Katz, David A.
6 Gentile-Davey, Maria C.
7 Cornwell, Michael C.
8 Huff, Jeffrey B.
9 Yu, Hong
11 <120> TITLE OF INVENTION: AMPLIFICATION BASED POLYMORPHISM
12 DETECTION
14 <130> FILE REFERENCE: 6652.US.01
16 <140> CURRENT APPLICATION NUMBER: 09/747,538
C--> 17 <141> CURRENT FILING DATE: 2000-12-21
19 <160> NUMBER OF SEQ ID NOS: 23
21 <170> SOFTWARE: FastSEQ for Windows Version 4.0
23 <210> SEQ ID NO: 1
24 <211> LENGTH: 1450
25 <212> TYPE: DNA
26 <213> ORGANISM: Homo sapiens
28 <400> SEQUENCE: 1
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30 cgtcccaccc ccaggggtgt tcctggcgcg ctatgggccc gcgtggcgcg agcagaggcg 120
31 cttctccgtg tccaccttgc gcaacttggg cctgggcaag aagtcgctgg agcagtgggt 180
32 gaccgaggag gccgcctgcc tttgtgccgc cttcgccaac cactccggtg ggtgatgggc 240
33 agaagggcac aaagcgggaa ctgggaaggc gggggacggg gaaggcgacc ccttaccgcg 300
34 atctcccacc cccaggacgc ccctttcgcc ccaacggtct cttggacaaa gccgtgagca 360
35 acgtgatcgc ctccctcacc tgcgggcgcc gcttcgagta cgacgaccct cgcttcctca 420
36 ggctgctgga ctagctcag gagggactga aggaggagtc gggctttctg cgcgagggtc 480
37 ggagcgagag accgaggagt ctctgcaggg cgagctcccg agaggtgccg gggctggact 540
38 ggggcctcgg aagagcagga tttgcataga tgggtttggg aaaggacatt ccaggagacc 600
39 ccaactgaag aagggcctgg aggaggaggg gacatctcag acatggctcg gggagagggt 660
40 tgcccgggtc agggggcacc aggagaggcc aaggactctg tacctcctat ccacgtcaga 720
41 gatttcgatt ttaggtttct cctctgggca aggagagagg gtggaggctg gcacttgggg 780
42 agggacttgg tgaggtcagt ggtaaggaca ggcaggccct gggctctacct ggagatggct 840
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46 atgacctggg acccagccca gcccccccga gacctgactg aggccttcct ggcagagatg 1080
47 gagaagggtga gagtggctgc cacgggtggg ggcaagggtg gtgggttgag cgtcccagga 1140
48 ggaatgaggg gaggtgggc aaaagggttg accagtgcac caccggcgga gccgcatctg 1200
49 ggctgacagg tgcagaattg gaggtcattt gggggctacc ccgttctgtc ccgagtatgc 1260
50 tctcggccct gtcaggcca aggggaaccc tgagagcagc ttcaatgatg agaacctgcg 1320
51 catagtgggt gctgacctgt tctctgccgg gatggtgacc acctcgacca cgctggcctg 1380
52 gggcctcctg ctcatgatcc tacatccgga tgtgcagcgt gagcccatct gggaaacagt 1440
53 gcagggggccg 1450
55 <210> SEQ ID NO: 2
56 <211> LENGTH: 20
57 <212> TYPE: DNA
58 <213> ORGANISM: Artificial Sequence

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60 <220> FEATURE:
61 <223> OTHER INFORMATION: Amplication Primer
63 <400> SEQUENCE: 2
64 tgagacttgt ccaggtgaac 20
66 <210> SEQ ID NO: 3
67 <211> LENGTH: 18
68 <212> TYPE: DNA
69 <213> ORGANISM: Artificial Sequence
71 <220> FEATURE:
72 <223> OTHER INFORMATION: Amplication Primer
74 <400> SEQUENCE: 3
75 cctgcactgt ttcccaga 18
77 <210> SEQ ID NO: 4
78 <211> LENGTH: 18
79 <212> TYPE: DNA
80 <213> ORGANISM: Artificial Sequence
82 <220> FEATURE:
83 <223> OTHER INFORMATION: Amplication Primer
85 <400> SEQUENCE: 4
86 gtggatgggtg gggctaata 18
88 <210> SEQ ID NO: 5
89 <211> LENGTH: 18
90 <212> TYPE: DNA
91 <213> ORGANISM: Artificial Sequence
93 <220> FEATURE:
94 <223> OTHER INFORMATION: Amplication Primer
96 <400> SEQUENCE: 5
97 ctccctcggtc tctcgctc 18
99 <210> SEQ ID NO: 6
100 <211> LENGTH: 13
101 <212> TYPE: DNA
102 <213> ORGANISM: Artificial Sequence
104 <220> FEATURE:
105 <223> OTHER INFORMATION: Probe
107 <400> SEQUENCE: 6
108 aacctgacga tag 13
110 <210> SEQ ID NO: 7
111 <211> LENGTH: 13
112 <212> TYPE: DNA
113 <213> ORGANISM: Artificial Sequence
115 <220> FEATURE:
116 <223> OTHER INFORMATION: Probe
118 <400> SEQUENCE: 7
119 aacctgtgca tag 13
121 <210> SEQ ID NO: 8
122 <211> LENGTH: 13
123 <212> TYPE: DNA
124 <213> ORGANISM: Artificial Sequence
126 <220> FEATURE:

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127 <223> OTHER INFORMATION: Probe
129 <400> SEQUENCE: 8
130 gagcacagga tga 13
132 <210> SEQ ID NO: 9
133 <211> LENGTH: 13
134 <212> TYPE: DNA
135 <213> ORGANISM: Artificial Sequence
137 <220> FEATURE:
138 <223> OTHER INFORMATION: Probe
140 <400> SEQUENCE: 9
141 gagcacggat gac 13
143 <210> SEQ ID NO: 10
144 <211> LENGTH: 14
145 <212> TYPE: DNA
146 <213> ORGANISM: Artificial Sequence
148 <220> FEATURE:
149 <223> OTHER INFORMATION: Probe
151 <400> SEQUENCE: 10
152 gatggagaag gtga 14
154 <210> SEQ ID NO: 11
155 <211> LENGTH: 14
156 <212> TYPE: DNA
157 <213> ORGANISM: Artificial Sequence
159 <220> FEATURE:
160 <223> OTHER INFORMATION: Probe
162 <400> SEQUENCE: 11
163 gatggaggtg agag 14
165 <210> SEQ ID NO: 12
166 <211> LENGTH: 13
167 <212> TYPE: DNA
168 <213> ORGANISM: Artificial Sequence
170 <220> FEATURE:
171 <223> OTHER INFORMATION: Probe
173 <400> SEQUENCE: 12
174 ccccaggacg ccc 13
176 <210> SEQ ID NO: 13
177 <211> LENGTH: 13
178 <212> TYPE: DNA
179 <213> ORGANISM: Artificial Sequence
181 <220> FEATURE:
182 <223> OTHER INFORMATION: Probe
184 <400> SEQUENCE: 13
185 ccccaagacg ccc 13
187 <210> SEQ ID NO: 14
188 <211> LENGTH: 14
189 <212> TYPE: DNA
190 <213> ORGANISM: Artificial Sequence
192 <220> FEATURE:
193 <223> OTHER INFORMATION: Probe

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195 <400> SEQUENCE: 14
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198 <210> SEQ ID NO: 15
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201 <213> ORGANISM: Artificial Sequence
203 <220> FEATURE:
204 <223> OTHER INFORMATION: Probe
206 <400> SEQUENCE: 15
207 gagcaggggt gacc 14
209 <210> SEQ ID NO: 16
210 <211> LENGTH: 11
211 <212> TYPE: DNA
212 <213> ORGANISM: Artificial Sequence
214 <220> FEATURE:
215 <223> OTHER INFORMATION: Probe
217 <400> SEQUENCE: 16
218 acctgtgcat a 11
220 <210> SEQ ID NO: 17
221 <211> LENGTH: 15
222 <212> TYPE: DNA
223 <213> ORGANISM: Artificial Sequence
225 <220> FEATURE:
226 <223> OTHER INFORMATION: Probe
228 <400> SEQUENCE: 17
229 gaacctgtgc atagt 15
231 <210> SEQ ID NO: 18
232 <211> LENGTH: 17
233 <212> TYPE: DNA
234 <213> ORGANISM: Artificial Sequence
236 <220> FEATURE:
237 <223> OTHER INFORMATION: Probe
239 <400> SEQUENCE: 18
240 agaacctgtg catagt 17
242 <210> SEQ ID NO: 19
243 <211> LENGTH: 21
244 <212> TYPE: DNA
245 <213> ORGANISM: Artificial Sequence
247 <220> FEATURE:
248 <223> OTHER INFORMATION: Forward Primer
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251 ccccaaaacg gaagacaaat c 21
253 <210> SEQ ID NO: 20
254 <211> LENGTH: 15
255 <212> TYPE: DNA
256 <213> ORGANISM: Artificial Sequence
258 <220> FEATURE:
259 <223> OTHER INFORMATION: Forward Primer
261 <400> SEQUENCE: 20

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Input Set : A:\6652US01.txt

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262 tccccgcacac gcctc 15
264 <210> SEQ ID NO: 21
265 <211> LENGTH: 19
266 <212> TYPE: DNA
267 <213> ORGANISM: Artificial Sequence
269 <220> FEATURE:
270 <223> OTHER INFORMATION: Reverse Primer
272 <400> SEQUENCE: 21
273 tgcgaactcg tcactggtc 19
275 <210> SEQ ID NO: 22
276 <211> LENGTH: 35
277 <212> TYPE: DNA
278 <213> ORGANISM: Artificial Sequence
280 <220> FEATURE:
281 <223> OTHER INFORMATION: Molecular Beacon Probe
284 <400> SEQUENCE: 22
285 ccgcacacag gactggctac ctctctgggc tgcgg 35
287 <210> SEQ ID NO: 23
288 <211> LENGTH: 31
289 <212> TYPE: DNA
290 <213> ORGANISM: Artificial Sequence
292 <220> FEATURE:
293 <223> OTHER INFORMATION: Molecular Beacon Probe
296 <400> SEQUENCE: 23
297 cgaccacagg actggccacc tctctgggtc g 31
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VERIFICATION SUMMARY

PATENT APPLICATION: US/09/747,538

DATE: 07/16/2001

TIME: 15:44:56

Input Set : A:\6652USO1.txt

Output Set: N:\CRF3\07162001\I747538.raw

L:17 M:271 C: Current Filing Date differs, Replaced Current Filing Date